

NOTE: Performance of the Concentrate Chopper will be satisfactory if frozen flat pieces more than three inches thick are used in the Chopper. Anything less than three inches could fall between the spirals of the cutting drum and will not melt as rapidly.

C. Capacities/Capabilities

1. The Concentrate Chopper capacity in minutes per piece (load) listed below is based on the machine's ability to cut the product and not the melting capabilities.

Product		55 Gal. Barrels 23" dia. x 30" 58.42 x 76.2 (cm) ✓		10 Gal. Pails 10" x 10" x 14" 25.4 x 25.4 x 35.56 (cm) ✓		Slabs 7" x 15" x 18" 17.78 x 38.1 x 45.72 (cm) ✓	
		1 at a time	Continuos feed ^	1 at a time	Continuos feed ^	1 at a time	Continuos feed ^
Frozen Pulp	orange	5-½	5	2-¼	2	2-¼	2
	grapefruit	5	4-½	2	1-¾	2	1-¾
Frozen Single Strength	orange	4-¼	4				
	grapefruit	4	3-¾				
Frozen Concentrate	orange	3	2-½				
	grapefruit	3	2-½				

- The melting of the product in the tank bottom is normally the limiting factor. The hot water jacket encourages melting and the three agitators stir the product to be sure the heat is distributed throughout
- To further increase the heating rate FMC FoodTech recommends that melted juice be recirculated through the tank, with the chopped product that will substantially increase the BTU's available for melting.

D. Specifications

Tank ----- 3'9" (1.143m) diameter, 5' (1.524m) deep
 Capacity of tank ----- 300 gallons (1135 liters)
 Shaft ----- 3" (7.62cm) diameter
 Motor ----- 5 HP, 1800 RPM, 3 phase
 Speed Reducer ----- 200 to 1
 Dimensions ----- 8'10" (2.69m) height by 4' (1.21m) width by 7' (2.13m) long
 Power ----- 220/440 V, 3 phase 60 HZ or 50 HZ
 Net Weight (approximately) ----- 2,875 lbs. (1304kg)